Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	**CP-2018-12-18-97** **Date: 19-10-18**
Project Name	:	Package-7, Including 2 Works of Rs.210.00 Lakhs (1) Providing and Fixing Wooden flooring, play equipment, Multi purpose Gym equipment, Badmitton Court, Table Tennis stand, Yoga Matt and other fitting at indore stadium, Vidyaranyapura in ward no. 09 (Vidyaranyapura), Vidyaranyapura Sub Division. (2) Improvements to the balance roads and drains at Chamundeshwari layout, Nanjappa layout and surrounding areas in ward no. 10 (Doddabommasandra), Vidyaranyapura Sub Division
Agency	:	M/s. Soorya Creator. Sri. P. Hemanth, No. 109/10, 4th cross, 6th main, Vivekanada Road, Balaji Layout, R.M.V 2nd stage - 560094.
Customer's Reference	:	BBMP/EE/BTP/W.O/05/2018-19
Date of Receipt	:	15-10-18
Sample ID No	:	2018-12-18-97 /01
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 (Part 1,2 3,4,5, 6,11):1988 IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6 IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6
Date of test	:	16-10-18
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	2.05	–
2	Finess by Air permeablity method (m^2/kg,Min)	298.6	225m^2/kg, Min
3	Density (gm/cc)	3.13	–
4	Standard Consistency (%)	28.5%	Not specified
5	Initial Setting time	135 minutes	Not less than 30 minutes
6	Final Setting time	255 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro BANGALORE Sig..... Date.....

****End of Report****

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	**CP-2018-12-18-97**	**Date: 13-11-18**
Project Name	:	Package-7, Including 2 Works of Rs.210.00 Lakhs (1) Providing and Fixing Wooden flooring, play equipment, Multi purpose Gym equipment, Badmitton Court, Table Tennis stand, Yoga Matt and other fitting at indore stadium, Vidyaranyapura in ward no. 09 (Vidyaranyapura), Vidyaranyapura Sub Division. (2) Improvements to the balance roads and drains at Chamundeshwari layout, Nanjappa layout and surrounding areas in ward no. 10 (Doddabommasandra), Vidyaranyapura Sub Division	
Agency	:	M/s. Soorya Creator. Sri. P. Hemanth, No. 109/10, 4th cross, 6th main, Vivekanada Road, Balaji Layout, R.M.V 2nd stage - 560094.	
Customer's Reference	:	BBMP/EE/BTP/W.O/05/2018-19	
Date of Receipt	:	15-10-18	
Sample ID No	:	2018-12-18-97 /01	
Sample Type	:	Birla Super 53grade	
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 6, Determination of Compressive Strength, Clause 6	
Date of test	:	16-10-18	
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%	

Compressive Strength

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	29.5N/mm^2	Not less than 27 N/mm^2
2	7 Days	39.5N/mm^2	Not less than 37 N/mm^2
3	28 Days	58.5N/mm^2	Not less than 53 N/mm^2

FOR CIVIL Pro.

CIVIL PRO Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |